IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Claims 1-12 (Canceled)

13. (Previously presented)   A system for remote status readings, comprising:

a communication network;

a central controller linked to the communication network; and

a plurality of peripheral devices linked to the controller through the communication network, each peripheral device adopting at each instant an instantaneous status belonging to a plurality of possible statuses, the controller being operative to periodically scan the peripheral devices to read their instantaneous statuses, the communication network being operatively provided so as to link the peripheral devices to the controller by radio frequency means, the peripheral devices being supplied with electrical energy via radio frequency through the intermediary of the communication network.

14. (Previously presented)   The system for remote status readings according to claim 13, wherein the communication network comprises a series circuit supplied by the controller and a plurality of electromagnetic induction loops for powering the peripheral devices.

15. (Previously presented)   The system for remote status readings according to claim 14, wherein each peripheral device has its own identification code, the controller having a configuration memory in which are stored correlatively, for each peripheral device, the identification code of the peripheral device and a localization parameter identifying the location of the peripheral device in the network, the controller being operative to read, for each peripheral device, the instantaneous status and

identification code of the peripheral device, with a result that each instantaneous status read is correlated, by the controller, to a location in the network.

16. (Previously presented)   The system for remote status readings according to claim 15, wherein each peripheral device includes a transmitter-receiver circuit and at least one status encoder adopting an instantaneous status constituting or participating in building up the instantaneous status of the peripheral device, the status encoder being linked to the transmitter-receiver circuit to allow the peripheral device to transmit the instantaneous status of the encoder to the controller.

17. (Previously presented)   The system for remote status readings according to claim 16, wherein each peripheral device includes an electronic tag having a memory containing the identification code attributed to the peripheral device, a local antenna coupled to an induction loop of the communication network to receive the electrical energy transmitted by the induction loop, and the transmitter-receiver circuit, the transmitter-receiver circuit being linked to the local antenna so as to be able at least to receive from the controller a transmission order and to be able to transmit to the controller, apart from the instantaneous status of the encoder, the identification code of the tag.

18. (Previously presented)   The system for remote status readings according to claim 16, wherein each peripheral device includes, as the status encoder, at least one appropriate element.

19. (Previously presented)   The system for remote status readings according to claim 18, wherein the appropriate element is an electric contact.

20. (Previously presented)   The system for remote status readings according to claim 16, wherein each peripheral device includes, as the status encoder, at least one

sensor sensitive to influence of a physical parameter to which the peripheral device is subjected.

21. (Previously presented) The system for remote status readings according to claim 16, wherein each peripheral device furthermore includes a display element.

22. (Previously presented) The system for remote status readings according to claim 13, wherein each peripheral device forms a command terminal for management of remote commands.

23. (Previously presented) The system for remote status readings according to claim 16, wherein each peripheral device forms a call terminal for management of remote calls.

24. (Previously presented) The system for remote status readings according to claim 23, wherein each peripheral device is installed at a specific location and forms a call terminal for a means of transport.

25. (Previously presented) The system for remote status readings according to claim 24, wherein each peripheral device is installed on a respective floor of a building and forms a call terminal for an elevator.

26. (Previously presented) The system for remote status readings according to claim 24, wherein the status encoder of each peripheral device includes a plurality of appropriate elements each of which identifies an assigned destination for the means of transport from a departure position represented by the specific location.

27. (Previously presented) The system for remote status readings according to claim 14, wherein each peripheral device includes a local antenna coupled to an

induction loop of the communication network to receive the electrical energy transmitted by the induction loop.

28. (Previously presented)   The system for remote status readings according to claim 27, wherein the induction loop and antenna are separated by a support, the peripheral devices as being supplied with electrical energy through the support.

29. (Previously presented)   The system for remote status readings according to claim 28, wherein the support is formed of a dielectric material.

30 (Previously presented)   The system for remote status readings according to claim 29, wherein the support is formed as a partition.

31. (Previously presented)   The system for remote status readings according to claim 14, wherein an electric power signal circulating in the series circuit has a frequency lower than 500 kHZ.

32. (Previously presented)   The system for remote status readings according to claim 31, wherein the electric power signal in the series circuit is modulated at 125 kHZ.

33. (Previously presented)   The system for remote status readings according to claim 14, wherein an electric power signal circulating in the series circuit has a frequency between 500 kHZ and 125 kHZ.